

Converting Colors

CIELCh(78, 61.719, 112.387)

Have a look what the booklet for
CIELCh(78, 61.719, 112.387)
contains.

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Color

CIELCh(78, 61.718, 112.511)

Conversions

Conversions Part 1

Format	Color
Hex	B7CB51
RGB	183, 203, 81
RGB Percent	72%, 80%, 32%
CMY	0.2834, 0.2049, 0.6833
CMYK	0.10, 0.00, 0.60, 0.20
HSL	70°, 54%, 56%
HSV	70°, 60%, 80%
XYZ	42.2337, 53.2120, 15.7798
YIQ	183.1120, 27.2420, -42.1820

Conversions

Conversions Part 2

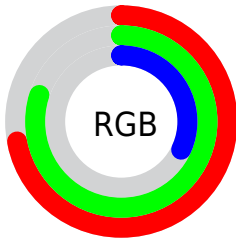
Format	Color
RYB	81, 203, 101
Decimal	12045137
CIELab	78.00, -23.63, 57.02
CIELCh	78, 61.718, 112.511
Yxy	53.2120, 0.3797, 0.4784
Android (android.graphics.Color)	4290235217 (0xFFB7CB51)
YUV	183.1120, -50.3412, -0.0982
Hunter-Lab	72.9466, -24.3108, 38.2370

Details

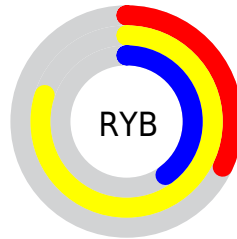
The CIELCh color **78, 61.718, 112.511** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **43, 72.747, 303.149**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 59.343, 111.064**, and **58, 61.817, 112.578** is the 20% darker color. If you saturate the color by 10%, you get **78, 69.771, 112.141**, and if you desaturate by 10%, it is **78, 52.555, 113.056**.

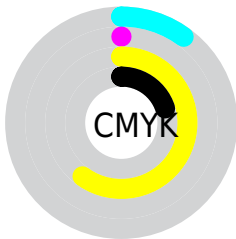
Distribution



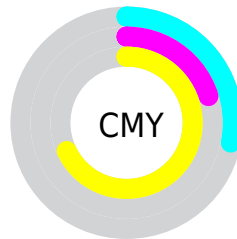
- Red (72%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 61.718, 112.511 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 78, 61.718, 112.511 by changing the saturation by 10% instead.


 78, 61.718,
112.511


 78, 61.718,
112.511


 100, 61.718,
112.511


 68, 61.718,
112.511


 98, 61.718,
112.511

 58, 61.718,
112.511

 48, 61.718,
112.511

 38, 61.718,
112.511

 28, 61.718,
112.511

 18, 61.718,
112.511

 8, 61.718, 112.511

0, 61.718, 112.511

78, 61.718,
112.511

78, 61.718,
112.511

78, 69.771,
112.141

78, 52.555,
113.056

77, 76.221,
112.021

79, 42.668,
113.704

77, 80.611,
112.233

80, 32.333,
114.410

77, 83.029,
112.755

80, 21.732,
115.141

81, 10.986,
115.873

82, 0.175, 116.580

■ 82, 10.646,
297.286

■ 83, 21.440,
297.948

■ 84, 27.886,
299.240

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 61.718, 112.511



43, 72.747, 303.149

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 61.718, 112.511



78, 61.718, 162.511



78, 61.718, 292.511



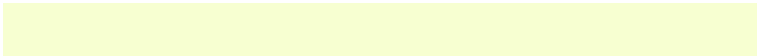
78, 61.718, 342.511

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 61.719, 112.513



98, 23.377, 115.283



54, 49.482, 36.769



52, 16.226, 115.066



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 61.719, 112.513



95, 85.292, 112.078



74, 69.315, 131.280



43, 6.158, 115.929



64, 71.451, 112.622



14, 22.243, 114.820

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 72.747, 303.149



45, 105.570, 304.913



49, 73.063, 316.571



39, 6.289, 297.318



20, 95.799, 307.029



2, 23.673, 296.672

Previews

White Background



This preview shows how the CIELCh color 78, 61.718, 112.511 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 61.718, 112.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

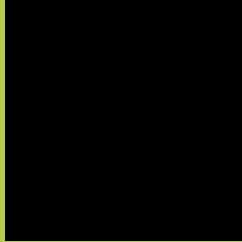
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 61.718, 112.511

Background



This preview shows how black text looks on a background with the CIELCh color 78, 61.718, 112.511.



This preview shows how white text looks on a background with the CIELCh color 78, 61.718, 112.511.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
78, 61.718, 112.511

Protanopia
78, 59.084, 95.768

Deuteranopia
78, 56.587, 79.943



Tritanopia
78, 8.363, 305.856

Trichromacy



Original Color
78, 61.718, 112.511

Protanomaly
78, 59.546, 102.162

Deuteranomaly
78, 55.901, 92.369

Tritanomaly
78, 18.673, 113.250

Monochromacy



Original Color
78, 61.718, 112.511

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 23.627, 114.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 61.718, 112.511 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 203, 81)` looks like.

```
.text, #text, p{  
    color:rgb(183, 203, 81)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 203, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 203, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 61.718, 112.511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 203, 81) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 203, 81) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 203, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 203, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 203, 81);  
box-shadow:4px 4px 4px 4px rgb(183, 203,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 61.718, 112.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 203, 81) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
203, 81) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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